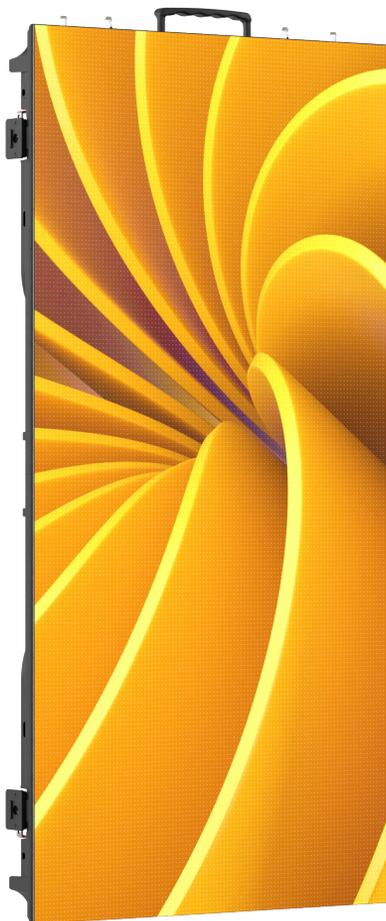


**PROLIGHTS**

**GammaPix** range

budget LED screen series

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## GammaPix 48T1X2WF

ORDER CODE: **GAMMAX48T1X2WF**

*Outdoor rental 4,8 mm LED screen, 50x100cm tile, black frame & white face LEDs*

**GammaPix** 48T is a rental LED screen for outdoor use with a 4,8 mm pixel pitch, designed to meet requirements for touring, events and install applications. This series is available in both 50x50cm and 50x100cm tiles, mechanically compatible in order to assemble a large surface of screen in a shorter time.

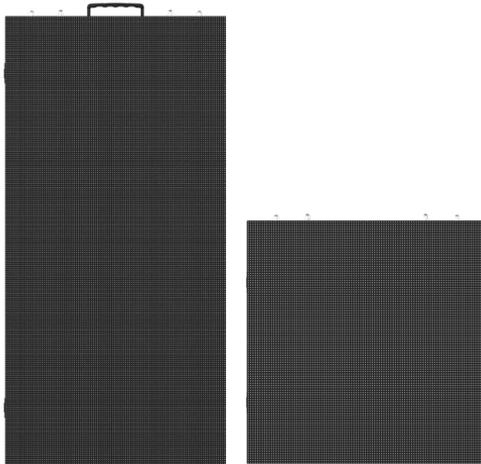
The mechanical design of the tiles has been conceived to allow fast single person installation with automatic lock design and extra safety & handling features such as scratch protection of the lamp face, flip corner shield and bottom protection.

**GammaPix** 48T tiles have on board curve mechanics allowing both concave and convex precise installation of  $+10^\circ / -10^\circ$  each tile and the weight has been reduced down to 6,4 kg (50x50cm tiles) and 11,4 kg (50x100 tiles).

The on-board electronics include the latest generation of Novastar A5s receiver card and refresh rate up to 3.840 Hz.

### MAIN FEATURES

- Single person installation, auto lock design, scratch protection and flip corner shield
- Built in curve mechanics for  $+10^\circ / -10^\circ$  concave & convex
- Refresh rate of 3.840 Hz



## GammaPix 48T1X2WF

ORDER CODE: **GAMMAX48T1X2WF**

*Outdoor rental 4,8 mm LED screen, 50x100cm tile, black frame & white face LEDs*

## GammaPix 48T1X1WF

ORDER CODE: **GAMMAX48T1X1WF**

*Outdoor rental 4,8 mm LED screen, 50x50cm tile, black frame & white face LEDs*

- Single person installation
- Auto lock design
- Scratch protection
- Flip corner shield
- Built in curve mechanics for +10° / -10° concave & convex
- Refresh rate of 3.840 Hz



Single person installation



Auto lock design



Scratch protection



Flip corner shield



Built in curve mechanics for +10° / -10° concave & convex



Refresh rate of 3.840 Hz

# GammaPix 29B1X1BF

ORDER CODE: **GAMMAX29B1X1BF**

*Indoor rental 2,9 mm LED screen, 50x50cm tile with full black LEDs*



**GammaPix 29B** is a rental LED screen for indoor use with a 2,9 mm pixel pitch, designed to meet requirements for corporate, studio and install applications.

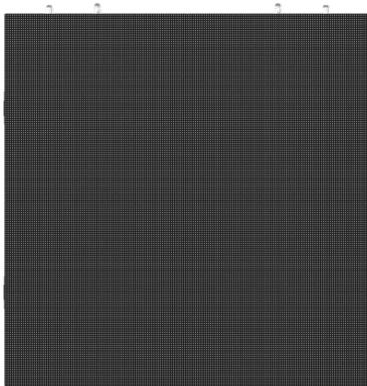
The mechanical design of the tiles has been conceived to allow fast single person installation with automatic lock design and extra safety & handling features such as scratch protection of the lamp face, flip corner shield and bottom protection.

**GammaPix 29B** tiles have on board curve mechanics allowing both concave and convex precise installation of  $+10^\circ / -10^\circ$  each tile and the weight has been reduced down to 5.9 kg per panels (23,6 kg per sqm).

The on-board electronics include the latest generation of Novastar A5s receiver card and refresh rate up to 3.840 Hz.

## MAIN FEATURES

- Single person installation, auto lock design, scratch protection and flip corner shield
- Built in curve mechanics for  $+10^\circ / -10^\circ$  concave & convex
- Refresh rate of 3.840 Hz



## GammaPix 29B1X1BF

ORDER CODE: **GAMMAX29B1X1BF**

*Indoor rental 2,9 mm LED screen, 50x50cm tile with full black LEDs*

- Single person installation
- Auto lock design
- Scratch protection
- Flip corner shield
- Built in curve mechanics for  $+10^\circ$  /  $-10^\circ$  concave & convex
- Refresh rate of 3.840 Hz



Single person installation



Auto lock design



Scratch protection



Flip corner shield



Built in curve mechanics for  $+10^\circ$  /  $-10^\circ$  concave & convex



Refresh rate of 3.840 Hz



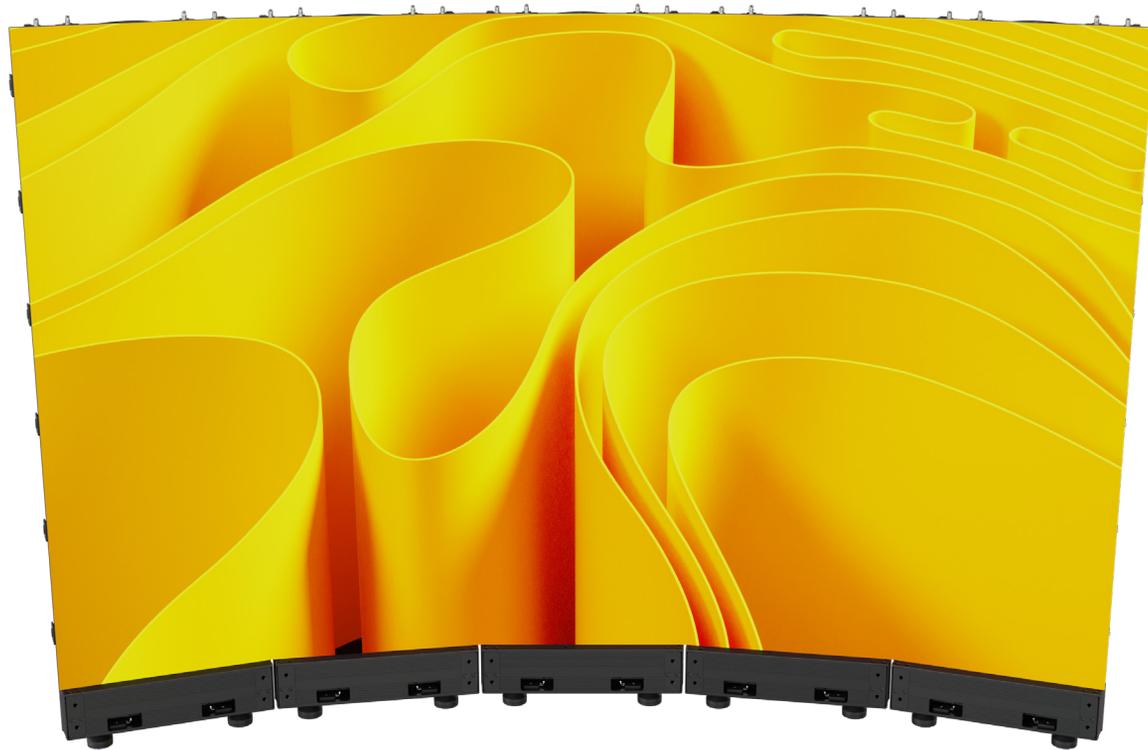
### Fly bar hanging system

- Fly bars are suitable for hanging application:
- GXHGB01: 1 column 50 cm hanging bar
- GXHGB02: 2 columns 100 cm hanging bar
- DXXJ: metal joint used to connect 4 pcs DELTAX-GAMMAX series cabinets



### Ground bar stacking system

- Ground bar stacking solution composed of:
- GXHGB01: 1 column 50 cm ground bar
- GXHGB02: 2 columns 100 cm ground bar
- DXBS21: 2 in 1 back support ground system
- DXBS31: 3 in 1 back support ground system
- DXBS41: 4 in 1 back support ground system
- DXBSC: back plate for ground system



### Curve configurations

- Concave Curve configurations
- 0-10° concave (3°, 5°, 10°)
- Through the following accessories
- GXCJ



Single-Person Installation



Automatic Lock Design



Scratch Protection  
of the Lamp Face



Bottom Protection



Flip Corners Shield



On Board Curve  
Mechanics +/- 10°



Fast Swap of LDMs



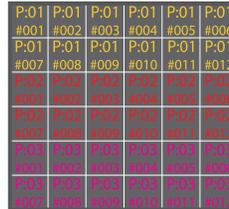
Refresh Rate of 3.840 Hz



Lightweight:  
Approx 23Kg/Sqm

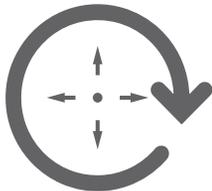

**New Novastar A5s**

- Pixel level color & brightness calibration
- Receiving card backup
- RCFG backup & read
- Cabinet mapping


**Mapping**

**RCFGX**
**RCFGX restore**

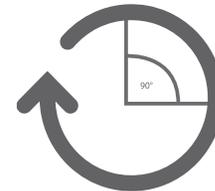
Double memory of the A5s receiving card to restore factory settings


**Copy firmware**

Copy receiver card firmware from other tiles


**Calibration restore**

Restore calibration settings


**90° image rotation**

Support for image rotation in 90° increments

# GammaPix series

## OUTDOOR TECHNICAL SPECIFICATIONS

GAMMAX48T1X2WF



GAMMAX48T1X1WF



| DISPLAY FEATURES               | GAMMAX48T1X2WF                                | GAMMAX48T1X1WF                                |
|--------------------------------|---|---|
| <b>LED</b>                     | Nationstar SMD1921 black frame and white face | Nationstar SMD1921 black frame and white face |
| <b>Mask</b>                    | YES   | YES   |
| <b>Driver IC</b>               | ICN 2153                                      | ICN 2153                                      |
| <b>Refresh rate (Hz)</b>       | ≥ 3.840                                       | ≥ 3.840                                       |
| <b>Brightness (NIT)</b>        | 3.500   | 3.500   |
| <b>Viewing angle (HxV)</b>     | 120°/140°                                     | 120°/140°                                     |
| <b>Cabinet resolution (px)</b> | 104x208                                       | 104x104                                       |
| <b>Module resolution (px)</b>  | 52x52   | 52x52   |
| <b>Pixel density (px/sqm)</b>  | 43.264  | 43.264  |
| <b>Driving (scan)</b>          | 1/13  | 1/13  |
| <b>Magnetic LDM</b>            | NO  | NO  |
| <b>Contrast ratio</b>          | 3.000:1                                       | 3.000:1                                       |
| <b>Video frame rate (Hz)</b>   | 50/60   | 50/60   |
| IMAGE QUALITY                  |   |   |
| <b>Protocol</b>                | Novastar A5s                                  | Novastar A5s                                  |
| <b>RCFGX restore</b>           | YES   | YES   |
| <b>Mapping</b>                 | YES   | YES   |
| <b>Firmware copy</b>           | YES   | YES   |
| <b>Software</b>                | Smart LCT                                     | Smart LCT                                     |

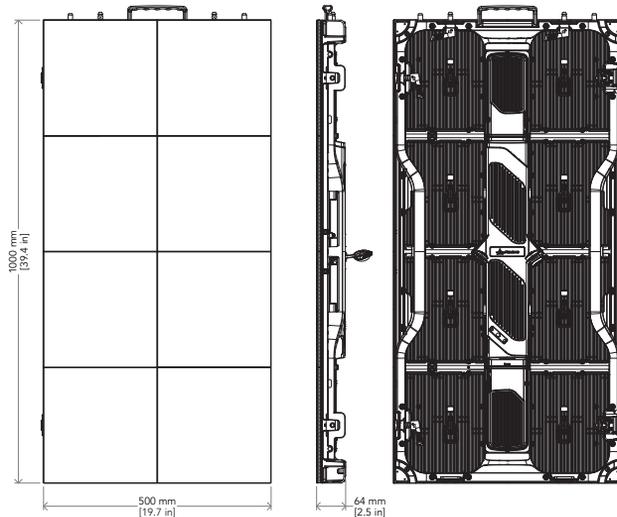
| MECHANICAL FEATURES            | GAMMAX48T1X2WF                     | GAMMAX48T1X1WF                      |
|--------------------------------|------------------------------------|-------------------------------------|
| <b>Curvable</b>                | convex and concave -10° / +10 °    | convex and concave -10° / +10 °     |
| <b>Assisted mounting</b>       | Auto-Lock                          | Auto-Lock                           |
| <b>Ground stacking system</b>  |                                    | YES                                 |
| <b>Cabinet sizes (mm)</b>      | 500x1000x64                        | 500x500x64                          |
| <b>Cabinet weight (kg)</b>     | 11,4                               | 6,4                                 |
| <b>Rigging (cabinets)</b>      | ≤10 for hanging and 6 for stacking | ≤20 for hanging and 12 for stacking |
| <b>IP (front - rear)</b>       | 65 - 54                            | 65 - 54                             |
| <b>Operating temperature</b>   | -20°C / +50°C                      | -20°C / +50°C                       |
| <b>Storage temperature</b>     | -30°C / +60°C                      | -30°C / +60°C                       |
| ELECTRICAL                     |                                    |                                     |
| <b>Input voltage (V)</b>       | 100-230                            | 100-230                             |
| <b>Input power freq (Hz)</b>   | 50/60                              | 50/60                               |
| <b>Input power max (W)</b>     | 300                                | 150                                 |
| <b>Input power typical (W)</b> | 100                                | 50                                  |
| <b>Power connectors</b>        | IPKON Seetronic IN/OUT             | IPKON Seetronic IN/OUT              |
| <b>Data connectors</b>         | RJ45 data IN/OUT                   | RJ45 data IN/OUT                    |
| <b>Certifications</b>          | CE, UKCA                           | CE, UKCA                            |

**GAMMAX29B1X1BF**

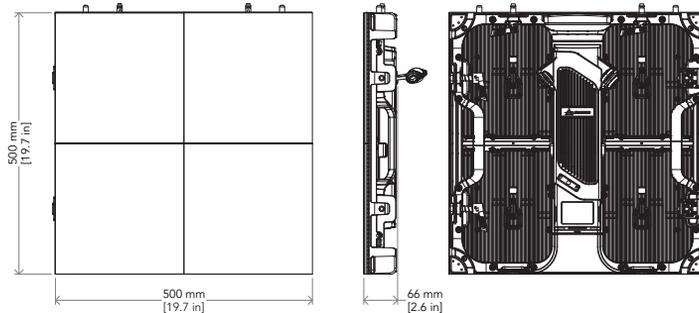

| <b>DISPLAY FEATURES</b>        |  | <b>GAMMAX29B1X1BF</b>          |
|--------------------------------|--|--------------------------------|
| <b>LED</b>                     |  | Nationstar SMD 1515 full black |
| <b>Mask</b>                    |  | YES                            |
| <b>Driver IC</b>               |  | ICN 2153                       |
| <b>Refresh rate (Hz)</b>       |  | ≥ 3.840                        |
| <b>Brightness (NIT)</b>        |  | 650                            |
| <b>Viewing angle (HxV)</b>     |  | 120°/140°                      |
| <b>Cabinet resolution (px)</b> |  | 168x168                        |
| <b>Module resolution (px)</b>  |  | 84x84                          |
| <b>Pixel density (px/sqm)</b>  |  | 112.896                        |
| <b>Driving (scan)</b>          |  | 1/21                           |
| <b>Magnetic LDM</b>            |  | Available                      |
| <b>Contrast ratio</b>          |  | 3.000:1                        |
| <b>Video frame rate (Hz)</b>   |  | 50/60                          |
| <b>IMAGE QUALITY</b>           |  |                                |
| <b>Protocol</b>                |  | Novastar A5s                   |
| <b>RCFGX restore</b>           |  | YES                            |
| <b>Mapping</b>                 |  | YES                            |
| <b>Firmware copy</b>           |  | YES                            |
| <b>Software</b>                |  | Smart LCT                      |

| <b>MECHANICAL FEATURES</b>     |  | <b>GAMMAX29B1X1BF</b>               |
|--------------------------------|--|-------------------------------------|
| <b>Curvable</b>                |  | convex and concave -10° / +10°      |
| <b>Assisted mounting</b>       |  | Auto-Lock                           |
| <b>Ground stacking system</b>  |  | YES                                 |
| <b>Cabinet sizes (mm)</b>      |  | 500x500x63                          |
| <b>Cabinet weight (kg)</b>     |  | 5,9                                 |
| <b>Rigging (cabinets)</b>      |  | ≤20 for hanging and 12 for stacking |
| <b>IP (front - rear)</b>       |  | 30                                  |
| <b>Operating temperature</b>   |  | -10°C / +45°C                       |
| <b>Storage temperature</b>     |  | -30°C / +60°C                       |
| <b>ELECTRICAL</b>              |  |                                     |
| <b>Input voltage (V)</b>       |  | 110-230                             |
| <b>Input power freq (Hz)</b>   |  | 50/60                               |
| <b>Input power max (W)</b>     |  | 120                                 |
| <b>Input power typical (W)</b> |  | 40                                  |
| <b>Power connectors</b>        |  | IPKON Seetronic IN/OUT              |
| <b>Data connectors</b>         |  | RJ45 data IN/OUT                    |
| <b>Certifications</b>          |  | CE, UKCA                            |

**GAMMAX48T1X2WF**



**GAMMAX48T1X1WF**



- GXFCM100291X1 Flightcase 10 in1 for GAMMAX29B1X1BF
- GXFCM100481X1 Flightcase 10 in1 for GAMMAX48T1X1WF
- GXFCM50481X2 Flightcase 5 in1 for GAMMAX48T1X2WF
- GXHGB01/02 Fly bar / ground bar for GAMMAX29B and GAMMAX48T systems, 1/2 columns
- DXBS21/31/41 2in1 - 3in1 - 4in1 back support for GAMMAX series LED wall for ground system fixing
- DXBSC Back plate for DELTAX and GAMMAX series LED wall for ground system fixing
- GXCJ Cabinet curve metal plate for GAMMAX series LED wall
- DXXJ Metal joint to connect 4 x DELTAX/GAMMAX series cabinets, M10 hole for clamp
- OXFCIS100/200 Rigging/ground-stack structure flightcase OMEGAX-GAMMAX series LED-display, 100/200 cm
- OXFCSP Spare part flightcase for OMEGAX-GAMMAX series LED-display
- SXDCL01/10 Data cable for DELTAX-GAMMAX LED display series assembled with RJ45, L.140 cm
- OXACL01/10 Power cable for OMEGAX -GAMMAX LED display series L.1 m
- MRTOOL Mask Replacement tool for LED screens (INDOOR)
- FMTOOL Front maintenance tool for LED screens (INDOOR)



**SXDC**  
Data cable for SIGMAX LED display series assembled with RJ45



**DXBSC**  
Back plate for DELTAX and GAMMAX series LED wall for ground system fixing



**FMTOOL**  
Front maintenance tool for LED screens (INDOOR)



**DXBS21 - DXBS31 - DXBS41**  
2in1 / 3in1 / 4in1 back support for DELTAX and GAMMAX series LED wall for ground system fixing



**GXCJ**  
Cabinet curve metal plate for GAMMAX series LED wall. Used to connect the back vertical supports (DXBS21, DXBS31 and DXBS41) to the LED wall when mounted in a curved configuration.



**DXXJ**  
Metal joint to connect 4 x DELTAX/GAMMAX series cabinets, M10 hole for clamp



**MRTOOL**  
Mask Replacement tool for LED screens (INDOOR)



**GXGB01 - GXGB02**  
Fly bar / ground bar for GAMMAX29B and GAMMAX48T systems 1-2 columns



**GXFCM100291X1**  
**GXFCM100481X1**  
Flightcase 10 in 1 for  
GAMMAX29B1X1BF  
GAMMAX48T1X1WF



**GXFCM50481X2**  
Flightcase 5 in 1 for  
GAMMAX48T1X2WF



**OXFCSP**  
Spare part flightcase for  
OMEGAX - DELTAX series  
LED-display



**OXFCIS200**  
Rigging/ground-  
stack structure  
flightcase  
OMEGAX -  
DELTAX series  
LED-display,  
200 cm



**MUSIC & LIGHTS S.r.l.**

---

Sede operativa

SR 630 Formia - Cassino, Km 25,900

(Via A. Olivetti), 04026 Minturno (LT) - ITALY

Sede legale

Via Appia, km 136,200 - 04020 Itri (LT) - ITALY

Phone +39 0771 72190 - Fax +39 0771 721955

International Commercial Dpt.

Phone + 39 0771 721966 - Fax +39 0771 721977

[www.musiclights.it](http://www.musiclights.it) - email: [info@musiclights.it](mailto:info@musiclights.it)

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